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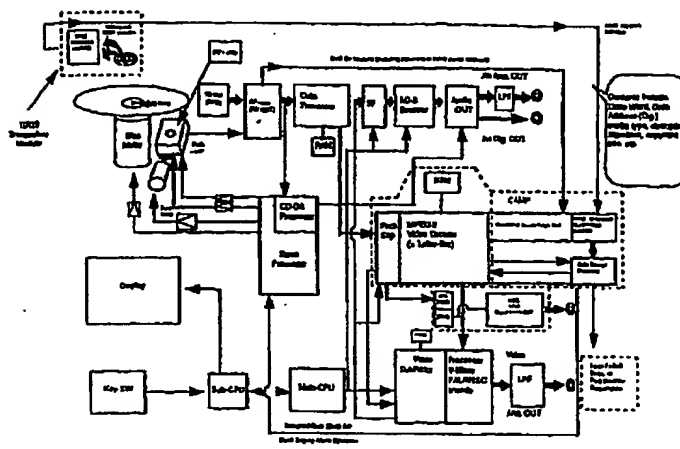
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(54) Improvements in or relating to security systems

(57) The invention consists of attaching or embedding a "TIRIS" transponder (or other RF or IR or bar-code or other identifying device) physically into the center of the proposed DVD disk. Once a disk is input to a media player, the interrogation portion of the media player transmits an interrogation signal to the transponder located on the disk. Once empowered with the interrogation signal, the transponder accesses the pre-determined address, code word, encryption algorithms, media type information, and copyright information from its memory. Then the transponder transmits the address, the code word, encryption algorithms, media type information and copyright information to the interrogator, located within the media player, and the interrogator sends the transponder data stream to a conditional access management processor (CAMP). Simultaneously with the processing action of the CAMP, the interrogator instructs the player to access the data_word at the predetermined address on the disk and the player accesses the data_word on the disk. The media player only plays if there is a match between the read data_word and received code word and the received algorithm correctly decrypts the content of the media prior to decoding.

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Block Diagram of DVD Player (ROM Type for Published Media) + TIRIS cypher

**Figure 1**



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EUROPEAN SEARCH REPORT

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EP 97 12 2526

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